

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING


FORM 3

AMENDED REPORT ☐

APPLICATION FOR PERMIT TO DRILL				1. WELL NAME and NUMBER NBU 921-22D1CS		
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>				3. FIELD OR WILDCAT NATURAL BUTTES		
4. TYPE OF WELL Gas Well <input type="checkbox"/> Coalbed Methane Well: NO <input type="checkbox"/>				5. UNIT or COMMUNITIZATION AGREEMENT NAME NATURAL BUTTES		
6. NAME OF OPERATOR KERR-MCGEE OIL & GAS ONSHORE, L.P.				7. OPERATOR PHONE 720 929-6587		
8. ADDRESS OF OPERATOR P.O. Box 173779, Denver, CO, 80217				9. OPERATOR E-MAIL mary.mondragon@anadarko.com		
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) UTU 0147566		11. MINERAL OWNERSHIP FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>		12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>		
13. NAME OF SURFACE OWNER (if box 12 = 'fee')				14. SURFACE OWNER PHONE (if box 12 = 'fee')		
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')				16. SURFACE OWNER E-MAIL (if box 12 = 'fee')		
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN') Ute Tribe		18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input checked="" type="checkbox"/> (Submit Commingling Application) NO <input type="checkbox"/>		19. SLANT VERTICAL <input type="checkbox"/> DIRECTIONAL <input checked="" type="checkbox"/> HORIZONTAL <input type="checkbox"/>		
20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	358 FSL 2113 FWL	SESW	15	9.0 S	21.0 E	S
Top of Uppermost Producing Zone	566 FNL 789 FWL	NWNW	22	9.0 S	21.0 E	S
At Total Depth	566 FNL 789 FWL	NWNW	22	9.0 S	21.0 E	S
21. COUNTY UINTAH		22. DISTANCE TO NEAREST LEASE LINE (Feet) 566		23. NUMBER OF ACRES IN DRILLING UNIT 160		
		25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 340		26. PROPOSED DEPTH MD: 10572 TVD: 10100		
27. ELEVATION - GROUND LEVEL 4827		28. BOND NUMBER WYB000291		29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE Permit #43-8496		

ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES

<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN
<input type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)	<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER
<input checked="" type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)	<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP
NAME Danielle Piernot	TITLE Regulatory Analyst
SIGNATURE	PHONE 720 929-6156
API NUMBER ASSIGNED 43047505310000	DATE 06/30/2009
APPROVAL	EMAIL danielle.piernot@anadarko.com
 Permit Manager	

NW Cor. Sec. 15
Found 2006
Aluminum Cap with
Pile of Stones

T9S, R21E, S.L.B.&M.

Sec. 15

N0°02'W (G.L.O.)
N00°02'03"W - 5290.23' (Meas.)

1/4 Cor.
Not Found

**WELL LOCATION:
NBU 921-22D1CS**

ELEV. UNGRADED GROUND = 4826.5'

N0°01'W (G.L.O.)

NBU 921-22D1CS (Surface Position)

NAD 83 LATITUDE = 40.029804° (40° 01' 47.293")

LONGITUDE = 109.539762° (109° 32' 23.142")

NAD 27 LATITUDE = 40.029839° (40° 01' 47.420")

LONGITUDE = 109.539073° (109° 32' 20.663")

Well Surface
Position

2113'

Found 2006
Aluminum Cap
With Fence Post

N89°35'05"W - 2642.95' (Meas.)

N89°57'W 79.96 (G.L.O.)

Found 2006
Aluminum Cap
with Stone

N00°17'32"E - 5284.34' (Meas.)

Bottom
of Hole

789'

566'

2646.31' (Measured)
N00°03'12"E (Basis of Bearings)

Found 2006
Aluminum Cap in
Pile of Stones

NBU 921-22D1CS (Bottom Hole)

NAD 83 LATITUDE = 40.027292° (40° 01' 38.250")

LONGITUDE = 109.544487° (109° 32' 40.153")

NAD 27 LATITUDE = 40.027327° (40° 01' 38.377")

LONGITUDE = 109.543798° (109° 32' 37.675")

Sec. 22

N89°47'40"W 5291.60' (Meas.)

S 1/4 Cor. Sec. 22
Found 2006 Aluminum
Cap with Stone Under
E/W Fence

Found 2006
Aluminum Cap in
Pile of Stones

N0°01'W (G.L.O.)

NOTES:

- ▲ = Section Corners Located
- 1. Well footages are measured at right angles to the Section Lines.
- 2. G.L.O. distances are shown in feet or chains. 1 chain = 66 feet.
- 3. The Bottom of hole bears S55°23'11"W 1609.33' from the Surface Position.
- 4. Bearings are based on Global Positioning Satellite observations.
- 5. Basis of elevation is Tri-Sta "Two Water" located in the NW 1/4 of Section 1, T10S, R21E, S.L.B.&M. The elevation of this Tri-Sta is shown on the Big Pack Mtn NE 7.5 Min. Quadrangle as being 5238'.

**Kerr-McGee
Oil & Gas Onshore, LP**

1099 18th Street - Denver, Colorado 80202

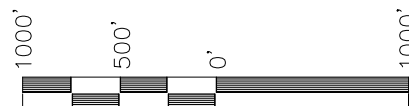
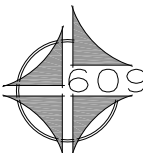
NBU 921-22D1CS

WELL PLAT

566' FNL, 789' FWL (Bottom Hole)

**NW 1/4 NW 1/4 OF SECTION 22, T9S, R21E,
S.L.B.&M. UTAH COUNTY, UTAH.**

CONSULTING, LLC
371 Coffeen Avenue
Sheridan WY 82801
Phone 307-674-0609
Fax 307-674-0182



SCALE

SURVEYOR'S CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

**No. 362251
KOLBY R. KAY**
REGISTERED LAND SURVEYOR
REGISTRATION NO. 362251
STATE OF UTAH

TIMBERLINE

ENGINEERING & LAND SURVEYING, INC.

209 NORTH 300 WEST - VERNAL, UTAH 84078

(435) 789-1365

DATE SURVEYED: 11-13-08	SURVEYED BY: M.S.B.	SHEET 2 OF 13
DATE DRAWN: 11-17-08	DRAWN BY: E.M.S.	
SCALE: 1" = 1000'	Date Last Revised: 01-22-09	